

52. (Amended) The optical fiber amplifier as claimed in claim 45,
wherein, λ_1 and λ_2 being wavelengths ($\lambda_1 > \lambda_2$) at the gain peaks provided by pumping with
only the pump light emitted from said first laser source, the ratio between an on-off Raman
gain (in dB values) at λ_1 of said tellurite fiber and that at λ_2 lies between 100:80 and 100:100
5 when the tellurite fiber is pumped with the pump light beams emitted from said first and
second laser sources.

61. (Amended) The optical fiber amplifier as claimed in claim 53,
wherein, λ_1 and λ_2 being wavelengths ($\lambda_1 > \lambda_2$) at the gain peaks provided by pumping with
10 only the pump light emitted from said first laser source, the ratio between an on-off Raman
gain (in dB values) at λ_1 of said tellurite fiber and that at λ_2 lies between 100:80 and 100:100
when the tellurite fiber is pumped with the pump light beams emitted from said first and
second laser sources.

15 97. (Amended) The optical communication system as claimed in claim 96,
wherein the difference in wavenumber between the pump light emitted from
said third laser source and that emitted from said first laser source is $42-166\text{cm}^{-1}$,
the difference in wavenumber between the pump light emitted from said first
laser source and that emitted from said second laser source is $125-290\text{cm}^{-1}$, and
20 the difference in wavenumber between the pump light emitted from said first
laser source and that emitted from said fourth laser source is $42-290\text{cm}^{-1}$.

98. (Amended) The optical communication system as claimed in claim 96,
wherein the difference in wavenumber between the pump light emitted from
25 said fourth laser source and that emitted from said first laser source is $42-166\text{cm}^{-1}$,
the difference in wavenumber between the pump light emitted from said first
laser source and that emitted from said second laser source is $125-290\text{cm}^{-1}$, and
the difference in wavenumber between the pump light emitted from said first
laser source and that emitted from said third laser source is $42-290\text{cm}^{-1}$.

30 99. (Amended) The optical communication system as claimed in claim 97,
wherein the pump light beams emitted from said first and fifth laser sources have the same
wavelength and the pump light beams emitted from said second and sixth laser sources have
the same wavelength.

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